



February 10, 2012
Project No. 8128.01.08

Mr. Dana Bayuk
Oregon Department of Environmental Quality
2020 SW 4th Avenue
Portland, Oregon 97201-4987

Re: Monthly Progress Report—January 2012
Siltronic Corporation
7200 NW Front Avenue, Portland, OR
ECSI #183

Dear Dana:

Maul Foster & Alongi, Inc. (MFA) has prepared this progress report (Report) in accordance with the requirements of the *Order Requiring Remedial Investigation (RI) and Source Control Measures* (the Order), Oregon Department of Environmental Quality (DEQ) No. VC-NWR-03-16, issued to Siltronic Corporation (Siltronic) on February 9, 2004. The reporting period for this Report is January 1, 2011, through January 31, 2011. The next report is due March 10, 2012.

The report organization follows that of the previous progress reports.

ACTIONS TAKEN UNDER THE ORDER SINCE THE PREVIOUS PROGRESS REPORT

Communications and Submittals

On January 25, 2012, DEQ acknowledged that MFA's December 13, 2011 email provided confirmation of certain conditions related to DEQ's approval of the revised performance monitoring program. In that email, DEQ approved the revised monitoring schedule.

On January 27, 2012, DEQ requested documentation of the supplemental EIB injection work to be submitted by February 27, 2012. DEQ also requested submittal of combustible gas survey data and DNAPL analyses in separate memoranda. DEQ further requested submittal of groundwater elevation data from the WS-40 series monitoring wells; soil vapor data from SG-1 through SG-5 and SS-1; and August and November 2011 quarterly groundwater monitoring data to be included with this progress report.

Fieldwork

PMW groundwater monitoring continued through January.

Monthly water levels were collected on January 16, 2011. The monthly water levels are included in the attached MS Excel file.¹

Measurements of dense, non-aqueous phase liquid (DNAPL) from former manufactured gas plant (MGP) operations were collected in selected Group 1 and 2 PMWs between January 16 and 20, 2011. MGP DNAPL was measured in the following PMWs using an interface probe:

- WS-33-81: thickness 1.32 ft., measured on January 19.
- WS-43-36: thickness 8.5 ft., measured on January 20.
- WS-15-85: thickness 4.5 ft., measured on January 16..

Samples of MGP DNAPL were collected and submitted for analysis.

Actions to Be Taken in the Next Two Months

Groundwater elevations and DNAPL screening will be collected in February and March, 2012. Performance monitoring consistent with the revised performance monitoring program will continue in February and March. Quarterly groundwater sampling will continue in February.

MFA anticipates submitting an EIB Implementation Report by February 26, 2012, consistent with DEQ's January 25, 2012 email.

TEST RESULTS AND DATA RECEIVED SINCE THE PREVIOUS PROGRESS REPORT

Some of the data received through the January 2012 reporting period has been received but validation is not yet complete. Consistent with DEQ comments, the content and format of data submittal memoranda evaluating these data will be developed following DEQ review of the updated and revised PMP. The attached (electronic only) MS Excel data file contains all PMW and quarterly monitoring data received through the end of the reporting period (December 31, 2011). The attached file also includes groundwater elevation data from the WS-40 series monitoring wells; soil vapor data from SG-1 through SG-5 and SS-1; and August and November 2011 quarterly groundwater monitoring data, consistent with DEQ's request.

With the exception of WS-43-36 located in the supplemental injection area, RAO 1 has been met in all of the source area PMWs.

¹ Includes monthly water levels from April 2011- January 2012; water levels from preceding years have previously been submitted.


PROBLEMS EXPERIENCED SINCE THE PREVIOUS PROGRESS REPORT

No additional problems were experienced.


Please call either of us at (971) 544-2139 if you have questions or comments.

Sincerely,

Maul Foster & Alongi, Inc.



James G.D. Peale, RG
Senior Hydrogeologist



Ted Wall, PE
Principal Engineer

Attachments: MS Excel file (electronic only)

cc: Tom McCue, Siltronic Corporation
Alan Gladstone, Davis Rothwell Earle and Xochihua
Chris Reive, Jordan Schrader Ramis
Jim Anderson, DEQ
Kristine Koch, EPA
Sean Sheldrake, EPA Seattle
Rene Fuentes, EPA Seattle
Chip Humphrey, EPA Portland
Lance Peterson, CDM
Bob Wyatt, NW Natural
Patty Dost, Pearl Legal Group LLC
John Edwards, Anchor QEA LLC
Carl Stivers, Anchor QEA LLC
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Henning Larsen, DEQ
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